

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA00188WI

This certificate, issued to Petersen Aviation, Inc.
Route 1, Box 18
Minden, Nebraska 68959

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 4a of the Civil Air Regulations.

Original Product — Type Certificate Number: A-749
Make: Ryan
Model: ST-3KR (PT-22, PT-22A)

Description of Type Design Change: Operation of airplane on unleaded or leaded automotive gasoline, 87 minimum antiknock index (RON+MON)/2, per ASTM Specification D-439. Intermixing with aviation gasoline also approved. Data Required: Petersen Drawing ST-3KR dated 3/3/1994, or later "FAA Approved" revision.

Limitations and Conditions: Limited to those airplanes equipped with gravity fuel feed to the carburetor and engines modified in accordance with STC SE00187WI. This approval should not be extended to other specific airplanes of these models on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of the other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: March 30, 1994

Date issued:

Date of issuance: August 12, 1994

Date amended:

By direction of the Administrator **Original Signed By**
James A. Schueler



James A. Schueler ^(Signature)
Acting Manager, Propulsion Branch
Wichita Aircraft Certification Office _(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.